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(71) Applicants and

(72) Inventors: **HOF, Rephael** [IL/IL]; 14/b Haodem Street,  
Kfar Yona 40300 (IL). **TEPEROVICH, Ehud** [IL/IL]; 9  
Ravozky Street, Raanana 43251 (IL). **ZILBERSHTAIN,**  
**Amir, Meir** [IL/IL]; Moshav Yad Rambam 43, 99793 (IL).

(74) Agents: **LUZZATTO, Kfir** et al.; P.O. Box 5352, 84152  
Beer Sheva (IL).

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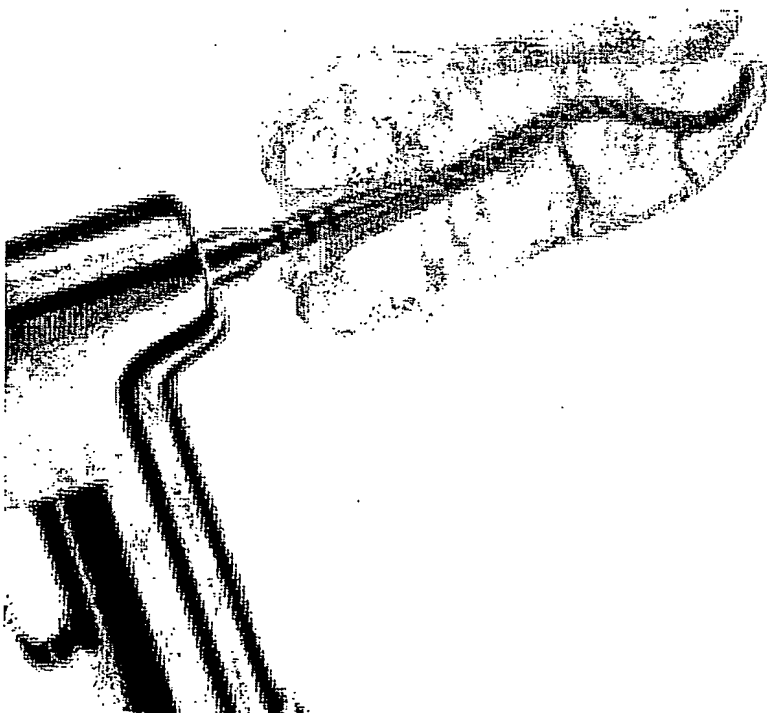
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(54) Title: SELF ADJUSTING INSTRUMENT



(57) Abstract: The invention is an instrument for cleaning and/or shaping and/or widening a channel that exists in or through a solid object. The design of the instrument the superelastic and shape memory properties of the material from which it is made, allow the inner volume enclosed by the instrument, its outer contour, or both to change as a result of the forces exerted upon it while working, thereby shaping the instrument to the three-dimensional contour of the channel. A preferred embodiment of the instrument is an endodontic file for use in the cleaning, shaping, and widening stages of a root canal procedure.

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